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Substitute for form 1449PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of

12

Complete if Known	
Application Number	10/560,654
Filing Date	1 May 2006
First Named Inventor	Omry Ben-Ezra
Art Unit	3782
Examiner Name	
Attorney Docket Number	75632/JPW/YC

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
J/D/	1	Bibevski, S. and Dunlap M.E., (1999) "Ganglionic Mechanisms Contribute To Diminished Vagal Control In Heart Failure," <i>Circulation</i> , 99(22):2958-63	
	2	Bilgity, A.B. et al., (1998) "Vagal Tuning: A New Concept In The Treatment Of Supraventricular Arrhythmias, Angina Pectoris, And Heart Failure," <i>The Journal Of Thoracic And Cardiovascular Surgery</i> , 56(1): 71-82	
	3	Blumen, K.M. et al., (1990) "Parasympathetic Postganglionic Pathways To The Sinoatrial Node," <i>The American Journal Of Physiology</i> , 259(5 Pt 2):H1504-10	
	4	Carlson, M.D. et al., (1992) "Selective Stimulation Of Parasympathetic Nerve Fibers To The Human Sinoatrial Node," <i>Circulation</i> , 85: 1311-1317	
	5	Chen, S. et al., (1998) "Intracardiac Stimulation Of Human Parasympathetic Nerve Fibers Induces Negative Dromotropic Effects: Implication With The Lesions Of Radiofrequency Catheter Ablation," <i>Journal Of Cardiovascular Electrophysiology</i> , 9(3): 245-52	
	6	Copier, T.B. et al., (1988) "Neural Effects On Stress Rate And Atrioventricular Conduction Predicted By Electrical Stimulation From A Transvenous Electrode Catheter In The Canine Right Pulmonary Artery," <i>Circulation Research</i> , 63: 48-57	
	7	Cummings, J.E. et al., (1998) "Preservation Of The Anterior Fat Pad Paradoxically Decreases The Incidence Of Postoperative Atrial Fibrillation In Humans," <i>Journal Of The American College Of Cardiology</i> , 43(8): 894-1009	
	10	Friedrichs, G., (2000) "Experimental Models Of Atrial Fibrillation/Flutter," <i>Journal Of Pharmacological And Toxicological Methods</i> , 43: 117-123	
	11	Furukawa, Y. et al., (1989) "Differential Blocking Effects Of Atropine And Gallamine On Negative Chronotropic And Dromotropic Responses To Vagus Stimulation In Anesthetized Dogs," <i>Journal Of Pharmacology And Experimental Therapeutics</i> , 251(3): 797-882	
✓	12	Fuster, V. and Ryden, L.E., (2001) "ACC/AHA/ESC Guidelines For The Management Of Patients With Atrial Fibrillation," <i>Journal Of The American College Of Cardiology</i> , 38(4): 1231-68	

Examiner Signature	/Joseph Dietrich/	Date Considered	11/05/2007
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Applicants: Omry Ben-Ezra, et al.  
U.S. Serial No. 10/560,654  
Filed: May 1, 2006  
Exhibit A

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet **2** of **12**

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J/D/	13	Garrigue, B. et al., (1998) "Post-ganglionic Vagal Stimulation Of The Atrioventricular Node Reduces Ventricular Rate During Atrial Fibrillation," <i>Pacing and Clinical Electrophysiology</i> , 21(4), Part 5, 879	
	14	Goldberger, J.J. et al., (1999) "New Technique For Vagal Nerve Stimulation," <i>Journal of Neuroscience Methods</i> , 91(1-2): 109-114	
	15	Hjalmarson, A., (1999) "Prevention Of Sudden Cardiac Death With Beta Blockers," <i>Clinical Cardiology</i> , 22 Suppl 5: V11-5	
	20	Jidara, L., (2001) "Atrial Fibrillation After Coronary Artery Bypass Surgery: A Study Of Causes And Risk Factors," <i>Comprehensive Summaries of Uppsala Dissertations from the Faculty of Medicine</i> , 1093: 1-56	
	21	Kwan, H. et al., (2001) "Cardiovascular Adverse Drug Reactions During Initiation Of Antiarrhythmic Therapy For Atrial Fibrillation," <i>Canadian Journal of Hospital Pharmacists</i> , 54(1): 1-44	
	22	Li, D. et al., (1999) "Promotion Of Atrial Fibrillation By Heart Failure In Dogs: Atrial Remodeling Of A Different Sort," <i>Circulation</i> , 100(1): 87-95	
	23	Manfredi, M., (1970) "Differential Block Of Conduction Of Larger Fibers In Peripheral Nerve By Direct Current," <i>Archives italiennes de biologie</i> , 108(1): 52-71	
	24	Mazgalev, T.N., "AV Nodal Physiology," <i>Hearth Rhythm Society</i> , <a href="http://www.HRSonline.com">www.HRSonline.com</a>	
	25	Page, P.L. et al., (1995) "Regional Distribution Of Atrial Electrical Changes Induced By Stimulation Of Extracardiac And Intracardiac Neural Elements," <i>The Journal of Thoracic and Cardiovascular Surgery</i> , 109(2): 377-88	
✓	26	Rijkhoff, N.J.M. and Stokjer, T., (1999) "Selective Stimulation Of Small Diameter Nerve Fibers In A Mixed Bundle," <i>Proceedings Of The Annual Profect Meeting Sensations/Neuroscience And Mid Term Review Meeting Neuro</i> , p.21-23	

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**1 May 2006**

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3762

75632/JPW/YC

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11/05/2007

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Sheet 14

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Application Number	107560,654
Filing Date	1 May 2006
First Named Inventor	Garry Ben-Ezra
Art Unit	3762
Examiner Name	
Attorney Docket Number	75632/JPW/XC

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>1</sup> (if known)				
J/D/	27	US	2002-0035335	03-21-2002	Shauarta, P.	
	28	US	2002-0107553	08-08-2002	Hill, M. et al.	
	29	US	2002-0120304	08-29-2002	Meat, R.	
	30	US	2003-0018387	01-23-2003	Dilorenzo, D.	
	31	US	2003-0040774	09-18-2003	Terry, R. et al.	
	32	US	2003-0045909	03-06-2003	Gross, Y. et al.	
	33	US	2003-0050677	03-13-2003	Gross, Y. et al.	
	34	US	2003-0078623	04-24-2003	Weinberg, L. et al.	
	35	US	2003-0100924	05-29-2003	Foreman, R. et al.	
	36	US	2003-0195574	10-16-2003	Oscro, I. et al.	
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	38	US	2003-0229380	12-11-2003	Adams, J.	
	39	US	2003-0233129	12-18-2003	Matos, J.	
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	42	US	2004-0059392	03-24-2004	Panamon, J. et al.	
	43	US	2004-0138721	07-15-2004	Oscro, I. et al.	
	44	US	2004-0152958	08-05-2004	Fral, M. et al.	
	45	US	2004-0158119	08-12-2004	Oscro, I. et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
		Country Code <sup>1</sup>	Number* "Kind Code" (if known)	MM-DD-YYYY			
J/D	8	EP	0 688 577	12-27-1995	PACSETER AB		
↓	9	EP	0831954	04-01-1998	MEDTRONIC INC		
	16	WO	01-10375	02-15-2001			
	17	WO	01-10432	02-15-2001			
	18	WO	01-26729	04-19-2001	CYBERONICS INC.		
	19	WO	02-085448	10-31-2002	UNIV OKLAHOMA STATE		

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Application Number	10/560,654
Filing Date	1 May 2006
First Named Inventor	Omy Ben-Ezra
Art Unit	3762
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Attorney Docket Number	75632 / IPH/VC

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		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> # (invent)			
ADJ	46	US 2004-0162594	08-19-2004	King, G.	
	47	US 2004-0172075	09-02-2004	Shaffer, L. et al.	
	48	US 2004-0199210	10-07-2004	Sheichuk, A.	
	49	US 2004-0215289	11-28-2006	Fukui, Y.	
	50	US 2004-0243182	12-02-2004	Cohed, E. et al.	
	51	US 2004-0249416	12-09-2004	Yun, A. et al.	
	52	US 2005-0131487	06-16-2005	Bojevs, B.	
	53	US 2005-0187584	08-25-2005	Dardkar, S. et al.	
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	55	US 2006-0015153	01-19-2006	Gilner, B. et al.	
	56	US 2006-0052831	03-09-2006	Fukui, Y.	
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	60	US 3,411,507	11-19-1988	Wingrove	
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	64	US 4,392,496	07-12-1983	Stanton, D.J.	

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		Number-Kind Code* of Invention			
NDI	65	US 4,535,785	08-20-1985	Honert, C.V.D.	
	66	US 4,559,948	12-24-1985	Lisa, S. et al.	
	67	US 4,573,481	03-04-1986	Bullens, L.A.	
	68	US 4,585,005	04-29-1986	Lue, T.F. et al.	
	69	US 4,602,824	07-29-1986	Naples, G.G. et al.	
	70	US 4,608,985	09-02-1986	Crish, T.J. et al.	
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	80	US 5,025,807	06-25-1991	Zabara, J.	
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JJD/	84	US	5,178,161	01-12-1993	Kovacs, G.T.A	
	85	US	5,188,104	02-23-1993	Wernicke, J.F. et al.	
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	90	US	5,215,086	06-01-1993	Terry, R.S. et al.	
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	92	US	5,243,980	09-14-1993	Mehra, R.	
	93	US	5,263,480	11-23-1993	Wernicke, J.F. et al.	
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	97	US	5,314,495	05-24-1994	Kovacs, G.T.A.	
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	100	US	5,335,657	08-09-1994	Terry, R.S. et al.	
	101	US	5,356,425	10-18-1994	Bardy, G.H. et al.	
	102	US	5,411,531	05-02-1995	Hill, M.R.S. et al.	

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(Use as many sheets as necessary)

Sheet	8	of	12
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**Complete if Known**

Application Number	10/560,654
Filing Date	1 May 2006
First Named Inventor	Omyr Ben-Ezra
Art Unit	3762
Examiner Name	
Attorney Docket Number	75632/JP/VC

## U. S. PATENT DOCUMENT

Examiner Initials*	Cite No. <sup>1</sup>	U. S. PATENT DOCUMENTS			
		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> of Inventor			
ADJ	103	US 5,423,872	06-13-1995	Cigaina, V.	
	104	US 5,437,285	08-01-1995	Vernier, R.L. et al.	
	105	US 5,437,285	08-08-1995	Snyder, S.H. et al.	
	106	US 5,454,840	10-03-1995	Krakovsky, A.A.	
	107	US 5,487,756	01-30-1996	Kallasee, K.	
	108	US 5,507,784	04-16-1996	Hill, M.R.S. et al.	
	109	US 5,522,854	08-04-1996	Idekar, R.E. et al.	
	110	US 5,540,730	07-30-1996	Terry, R.S. et al.	
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	112	US 5,562,718	10-08-1996	Palermo, F.X.	
	113	US 5,571,150	10-05-1996	Wernicke, J.F. et al.	
	114	US 5,578,061	10-26-1996	Stroetmann, B. et al.	
	115	US 5,634,462	08-03-1997	Tyler, D.J. et al.	
	116	US 5,646,570	07-08-1997	Corbuodi, G.	
	117	US 5,658,318	08-19-1997	Stroetmann, B. et al.	
	118	US 5,690,681	11-25-1997	Geddes, L.A. et al.	
	119	US 5,690,691	11-25-1997	Chan, J.D.	
	120	US 5,700,282	11-23-1997	Zabara, J.	
	121	US 5,707,400	01-13-1998	Terry, R.S. et al.	

## FOREIGN PATENT DOCUMENTS

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Examiner  
Signature

/Joseph Dietrich/

Date  
Considered

11/05/2007

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Sheet	9	of	12
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Application Number	10/560,654
Filing Date	1 May 2006
First Named Inventor	Omy Ben-Ezra
Art Unit	3782
Examiner Name	
Attorney Docket Number	75632/JPW/YC

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> of Invention			
ND/	122	US 5,711,318	01-27-1998	Elisberry, D.D. et al.	
	123	US 5,718,385	02-10-1998	Mittal, R.K. et al.	
	124	US 5,755,750	05-28-1998	Petruska, J.C. et al.	
	125	US 5,824,027	10-20-1998	Hoffler, J.A. et al.	
	126	US 5,832,932	11-10-1998	Elisberry, D.D. et al.	
	127	US 5,833,703	11-10-1998	Rise, M.T. et al.	
	128	US 5,836,994	11-17-1998	Bourgeois, I.	
	129	US 5,916,239	06-29-1999	Geddes, L.A. et al.	
	130	US 5,936,584	08-17-1999	Ardito, J.R. et al.	
	131	US 6,006,134	12-21-1999	Hill, M.R.S. et al.	
	132	US 6,026,326	02-15-2000	Bardy, G. H.	
	133	US 6,058,331	05-02-2000	King, G.W. et al.	
	134	US 6,066,163	05-23-2000	John, M.S.	
	135	US 6,073,048	06-06-2000	Kneal, R.S. et al.	
	136	US 6,086,525	07-11-2000	Dovey, K.R. et al.	
	137	US 6,091,977	07-18-2000	Tarjan, P.P. et al.	
	138	US 6,091,992	07-18-2000	Bourgeois, I.	
	139	US 6,094,598	07-25-2000	Elisberry, D.D. et al.	
	140	US 6,097,984	08-01-2000	Douglas, D.	

[illegible]

Examiner Signature	/Joseph Dietrich/	Date Considered	11/05/2007
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 10

of 12

**Complete if Known**

Application Number 10/560,634  
 Filing Date May 2006  
 First Named Inventor Omry Ben-Ezra  
 Art Unit 3762  
 Examiner Name  
 Attorney Docket Number 75632/JPW/YC

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code <sup>2</sup> (if known)				
/JD/	141	US 6,104,955	08-15-2000	Bourgeois, I.		
	142	US 6,104,960	08-15-2000	Duyssena, V. et al.		
	143	US 6,119,516	09-19-2000	Hock, A.G.		
	144	US 6,134,470	10-17-2000	Hartlaub, J.T.		
	145	US 6,146,335	11-14-2000	Gozani, S.N.		
	146	US 6,181,029	12-12-2000	Spreigl, W.T. et al.		
	147	US 6,167,304	12-26-2000	Loos, H.G.		
	148	US 6,169,924	01-02-2001	Meloy, T.S. et al.		
	149	US 6,205,359	03-20-2001	Bojeva, B.B.		
	150	US 6,230,061	05-08-2001	Hertung, W.		
	151	US 6,240,314	05-29-2001	Picchi, G. et al.		
	152	US 6,266,564	07-24-2001	Hill, M.R.S.		
	153	US 6,272,377	08-07-2001	Sweeney, R.J. et al.		
	154	US 6,292,695	09-18-2001	Webster, W.W. et al.		
	155	US 6,319,241	11-20-2001	King, G.W. et al.		
	156	US 6,341,236	01-22-2002	Osorio, I. et al.		
	157	US 6,356,784	03-12-2002	Lozano, A.M. et al.		
	158	US 6,366,813	04-02-2002	Dilorenzo, D.J.		
	159	US 6,381,499	04-30-2002	Taylor, C. et al.		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code* Number * Kind Code* (if known)		MM-DD-YYYY			

Examiner Signature	/Joseph Dietrich/	Date Considered	11/05/2007
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 11

of 12

**Complete if Known**

Application Number	10/560,654
Filing Date	1 May 2006
First Named Inventor	Omry Ben-Ezri
Art Unit	3762
Examiner Name	
Attorney Docket Number	75632/JPW/YC

## U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code* (if known)			
JJD/	160	US 6,400,982	08-04-2002	Sweeney, R. et al.	
	161	US 6,405,079	08-11-2002	Ansarinda, M.	
	162	US 6,434,424	08-13-2002	Igel, D.A. et al.	
	163	US 6,449,507	09-10-2002	Hill, M. et al.	
	164	US 6,456,868	09-24-2002	Tyler, D.	
	165	US 6,463,328	10-08-2002	John, M.S.	
	166	US 6,473,644	10-29-2002	Terry, R.S. et al.	
	167	US 6,493,585	12-10-2002	Pitochi, G. et al.	
	168	US 6,511,500	01-28-2003	Rahms, M.L.	
	169	US 6,542,774	04-01-2003	Hill, M. et al.	
	170	US 6,584,096	05-13-2003	Mest, R.	
	171	US 6,587,727	07-01-2003	Osorio, I. et al.	
	172	US 6,600,958	07-29-2003	Maschino, S. et al.	
	173	US 6,610,713	08-26-2003	Tracey, K.	
	174	US 6,628,987	09-30-2003	Hill, M. et al.	
	175	US 6,666,191	12-23-2003	Bojeva, B.	
	176	US 6,671,556	12-30-2003	Osorio, I. et al.	
	177	US 6,684,105	01-27-2004	Cohen, E.	
	178	US 6,885,418	03-08-2005	Dev, N. et al.	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Joseph Dietrich/	Date Considered	11/05/2007
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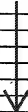
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **12**of **12****Complete if Known**

Application Number **10/560,654**  
 Filing Date **1 May 2006**  
 First Named Inventor **Omry Ben-Ezra**  
 Art Unit **3762**  
 Examiner Name  
 Attorney Docket Number **75632/JPW/YC**

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
J/D/ 	179	US	6,895,280	05-17-2005	Meadows, P. et al.	
	180	US	6,907,295	08-14-2005	Gross, Y. et al.	
	181	US	6,928,320	08-09-2005	King, G.	
	182	US	6,934,583	08-23-2005	Wienberg, L. et al.	
	183	US	6,985,774	01-10-2006	Kieval, R. et al.	
	184	US	7,050,846	05-23-2006	Sweeney, R. et al.	
	185	US	7,076,299	07-11-2006	Thong, T.	
	186	US	H1, 905	10-03-2000	H1	
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Examiner Initials*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1*
		Country Code <sup>3</sup> Number "Kind Code" (if known)					

Examiner Signature	<u>/Joseph Dietrich/</u>	Date Considered	<u>11/05/2007</u>
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